

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6406133" or ("6425656")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 09:05
S2	1	10/521055	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 09:05
S3	153368	ricoh.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 09:44
S4	164	ricoh.as. and electrostatic near4 actuator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 09:59
S5	31	"347"/\$.ccls. and ricoh.as. and electrostatic near4 actuator	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 09:59
S6	133	ricoh.as. and electrostatic near4 actuator not S5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 10:18
S7	50	electrostatic near4 actuator with method with (manufactur\$4 making forming).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 10:36
S8	2288	"347"/\$.ccls. and electrostatic.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 10:40
S9	18	"347"/\$.ccls. and electrostatic.ab. and sacrific\$4 with etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 10:47
S10	12	("5311360" "5322594" "5459501" "5459610" "5491500" "5581861" "5666141" "5668579" "5828394" "5984458" "6113218" "6213590").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 10:44
S11	186	"347"/\$.ccls. and electrostatic.bsum. and sacrific\$4 with etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 10:47
S12	34	(US-20060232638-\$ or US-20060164495-\$ or US-20020027576-\$ or US-20070018532-\$ or US-20070176997-\$ or US-20070002100-\$ or US-20050264617-\$ or US-20030003618-\$ or US-20020180857-\$ or US-20020130925-\$ or US-20050285902-\$ or US-20050204557-\$ or US-20070008377-\$).did. or (US-6406133-\$ or US-6425656-\$ or US-6568794-\$ or US-6799834-\$ or US-6410107-\$ or US-6709089-\$ or US-5459501-\$ or US-5581861-\$ or US-7108354-\$ or US-6820968-\$ or US-7222944-\$ or US-6572218-\$).did. or (WO-2004026582-\$ or WO-2004012942-\$).did. or (JP-2007077864-\$ or JP-2006175760-\$ or JP-2005297104-\$ or JP-2004174779-\$ or JP-2003340796-\$ or JP-2002160374-\$ or JP-2001063051-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/09 11:08
S13	22	S12 and (ito titanium aluminum polysilicon) with (electrode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/09 11:27

EAST Search History

S14	1212	thermal\$3 adj3 oxid\$4 same electrode same (spac\$4 gap groove)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/09 11:28
S15	0	29/890.1.cccls. and thermal\$3 adj3 oxid\$4 same electrode same (spac\$4 gap groove)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/09 11:29
S16	8	"29"/\$.cccls. and thermal\$3 adj3 oxid\$4 same electrode same (spac\$4 gap groove)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/09 11:30
S17	18	"347"/\$.cccls. and thermal\$3 adj3 oxid\$4 same electrode same (spac\$4 gap groove)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/09 11:30
S23	568	b41j2/45.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 15:14
S24	1673	b41j2/045.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 15:14
S25	199	(S23 S24) and electrostatic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 15:19
S26	8	S25 and sacrific\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 15:15
S27	38	S25 and (gap space).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 15:31
S28	948	29/890.1.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 15:32
S29	86	29/890.1.cccls. and electrostatic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:30
S30	1	"6091435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:00
S31	1379	347/54.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:01
S32	1556	347/54,55,68,70,71.cccls. and electrostatic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:02
S33	530	347/54.cccls. and electrostatic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:47
S34	7	("5087930" "5463411" "5506608" "5565113" "5581861" "5685491" "5929875").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 16:05

EAST Search History

S35	156	216/27.ccls. and electrostatic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:30
S36	490	347/54.ccls. and electrostatic\$3 not (S29 S35)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:48
S37	203	347/54.ccls. and electrostatic\$3 not (S29 S35 silverbrook.as. silverbrook.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/09 16:48
S38	2	("5513431" "5652609").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 17:33
S39	7090	electrode with (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer)) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 08:39
S40	226	"347"/\$.ccls. and electrode with (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer)) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 08:39
S41	35	"347"/\$.ccls. and electrode with (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer)) same (same\$1 equal) with potential	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 08:52
S42	3	"347"/\$.ccls. and partition with (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer)) same potential	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 08:54
S43	41	"347"/\$.ccls. and partition with potential	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 09:02
S44	33255	polysilicon with insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 09:02
S45	264	"347"/\$.ccls. and polysilicon with insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 09:27
S46	54	"347"/54.ccls. and polysilicon with insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 09:02
S47	352	"347"/\$.ccls. and (polysilicon amorphous adj silicon) with insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 09:29
S48	164	"347"/\$.ccls. and (polysilicon amorphous adj silicon) with insulat\$3 and electrostatic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 09:29

EAST Search History

S49	82	(US-20060232638-\$ or US-20060164495-\$ or US-20020027576-\$ or US-20070018532-\$ or US-20070176997-\$ or US-20070002100-\$ or US-20050264617-\$ or US-20030003618-\$ or US-20020180857-\$ or US-20020130925-\$ or US-20050285902-\$ or US-20050204557-\$ or US-20070008377-\$ or US-20070057999-\$ or US-20060028513-\$ or US-20010023523-\$ or US-20040115844-\$ or US-20020096488-\$ or US-20060125879-\$ or US-20050219321-\$ or US-20020054189-\$ or US-20010033311-\$).did. or (US-6406133-\$ or US-6425656-\$ or US-6568794-\$ or US-6799834-\$ or US-6410107-\$ or US-6709089-\$ or US-5459501-\$ or US-5581861-\$ or US-7108354-\$ or US-6820968-\$ or US-7222944-\$ or US-6572218-\$ or US-7185972-\$ or US-6662448-\$ or US-6450618-\$ or US-6164759-\$ or US-6127198-\$ or US-6117698-\$ or US-5513431-\$ or US-7090325-\$ or US-6640402-\$ or US-6508947-\$ or US-6284147-\$ or US-7188932-\$ or US-6592208-\$ or US-6511158-\$).did. or (US-6511157-\$ or US-6508539-\$ or US-6497474-\$ or US-6491378-\$ or US-6485126-\$ or US-6474784-\$ or US-6467879-\$ or US-6406130-\$ or US-6394586-\$ or US-6386682-\$ or US-6371599-\$ or US-6367914-\$ or US-6354696-\$ or US-6350015-\$ or US-6345884-\$ or US-6343853-\$ or US-6343852-\$ or US-6332669-\$ or US-6322198-\$ or US-6299291-\$ or US-5912684-\$ or US-5992984-\$ or US-7278715-\$).did. or (WO-2004026582-\$ or WO-2004012942-\$).did. or (JP-2007077864-\$ or JP-2006175760-\$ or JP-2005297104-\$ or JP-2004174779-\$ or JP-2003340796-\$ or JP-2002160374-\$ or JP-2001063051-\$ or JP-2006116880-\$ or JP-2006271183-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/10 11:03
S50	8	S49 and (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer film)) with ("u.m." micrometer micron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/10 11:07
S51	8	S49 and (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer film)) with ("u.m." micrometer micron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/10 11:07
S52	8	S49 and (diaphragm membrane (vibrat\$4 oscillat\$4) near3 (plate layer film)) with (um micrometer micron)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/10 11:07
S53	628	"347"/\$.ccls. and electrostatic\$4 and (hole,opening) same sacrific\$4 same etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 11:31
S54	322	"347"/\$.ccls. and electrostatic\$4 and (hole opening) same sacrific\$4 with etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 11:31
S55	141	"347"/\$.ccls. and electrostatic\$4 and (hole opening) with sacrific\$4 with etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 11:31
S56	758628	membrane diaphragm (oscillat\$4 vibrat\$4) near3 (plate layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 11:32
S57	15	"347"/\$.ccls. and electrostatic\$4 and (hole opening) with S56 same sacrific\$4 with etch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 11:35

EAST Search History

S58	34	(hole opening) with sacrific\$4 with etch\$4 same resin	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/10/10 11:35
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